

Notice of Allowability

Application No.

10/790,237

Examiner

James L Habermehl

Applicant(s)

ONO ET AL.

Art Unit

2651

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to papers filed 2 Mar 04 and 20 Jul 04.
2. ☒ The allowed claim(s) is/are 1-4.
3. ☒ The drawings filed on 02 March 2004 and 20 July 2004 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 2 Mar 04
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

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1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

2. Claims 1-4 are allowed over the prior art of record. The following is an examiner's statement of reasons for allowance:

Claims 1 and 3 are allowable over the prior art of record since the cited references taken individually or in combination fails to particularly disclose a method of obtaining magnetic head positions in a magnetic data writing apparatus comprising mounting third magnetic disks prior to writing data to the first magnetic disks, reading second addresses by the second magnetic heads from the second magnetic disk, reading first addresses from the third magnetic disks simultaneously with reading the second addresses, and obtaining relationships between the position address of each second magnetic head and corresponding position addresses of the first magnetic heads, as presented in the environment of claims 1 and 3. It is noted that the closest prior art, Sato et al., shows writing servo data to the first disks using the second head and servo data on the second disk to position the first heads over the first disks. However, Sato et al. fails to disclose mounting third magnetic disks prior to writing data to the first magnetic disks, reading second addresses by the second magnetic heads from the second magnetic disk, reading first addresses from the third magnetic disks simultaneously with reading the second addresses, and obtaining relationships between the position address of each second magnetic head and corresponding position addresses of the first magnetic heads as claimed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

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fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Morris et al. Figures 3-6 and Kitagawa Figures 1 and 7 show writing servo simultaneously using a master servo disk and writing to copy disks, Squires et al. Figures 9A-9B, Dunn et al. Figures 7A-7B, Uzumaki et al. Figure 13, and Zhu et al. Figure 8 show simultaneously servo writing with two actuators, and Kitagawa et al. Figures 4-5 shows simultaneously servo writing with one actuator.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to James L Habermehl whose telephone number is (571)272-7556. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Hudspeth can be reached on (571)272-7843. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Habermehl/jlh
13 Apr 05



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SUPERVISORY PATENT EXAMINER
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